

Guangjie Shao

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#	Paper	IF	Citations
130	Phosphorus-doped 3D hierarchical porous carbon for high-performance supercapacitors: A balanced strategy for pore structure and chemical composition. <i>Carbon</i> , 2018 , 127, 557-567	10.4	228
129	Construction of Hierarchical MnO ₂ Nanowires@Ultrathin MnO ₂ Nanosheets Core-Shell Nanostructure with Excellent Cycling Stability for High-Power Asymmetric Supercapacitor Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 9050-8	9.5	212
128	Template-free synthesis of ultrathin porous carbon shell with excellent conductivity for high-rate supercapacitors. <i>Carbon</i> , 2017 , 111, 419-427	10.4	210
127	Immobilizing Polysulfides with MXene-Functionalized Separators for Stable Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29427-29433	9.5	171
126	3D interconnected porous carbon nanosheets/carbon nanotubes as a polysulfide reservoir for high performance lithium-sulfur batteries. <i>Nanoscale</i> , 2018 , 10, 816-824	7.7	126
125	Ni nanoparticles supported on graphene layers: An excellent 3D electrode for hydrogen evolution reaction in alkaline solution. <i>Journal of Power Sources</i> , 2017 , 347, 220-228	8.9	116
124	Supercapacitance of nitrogen-sulfur-oxygen co-doped 3D hierarchical porous carbon in aqueous and organic electrolyte. <i>Journal of Power Sources</i> , 2017 , 359, 556-567	8.9	91
123	Pyrrole as a promising electrolyte additive to trap polysulfides for lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2017 , 348, 175-182	8.9	82
122	Enabling immobilization and conversion of polysulfides through a nitrogen-doped carbon nanotubes/ultrathin MoS ₂ nanosheet core-shell architecture for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 13103-13112	13	78
121	Facile Synthesis of Cobalt Nanoparticles Entirely Encapsulated in Slim Nitrogen-Doped Carbon Nanotubes as Oxygen Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 3973-3981	8.3	70
120	3D Oxygen-Defective Potassium Vanadate/Carbon Nanoribbon Networks as High-Performance Cathodes for Aqueous Zinc-Ion Batteries. <i>Small Methods</i> , 2020 , 4, 1900670	12.8	65
119	High capacity and cycle stability Rechargeable Lithium-Sulfur batteries by sandwiched gel polymer electrolyte. <i>Electrochimica Acta</i> , 2016 , 210, 71-78	6.7	63
118	Local electronic structure modulation enhances operating voltage in Li-rich cathodes. <i>Nano Energy</i> , 2019 , 66, 104102	17.1	58
117	A novel structure of Ni-(MoS ₂ /GO) composite coatings deposited on Ni foam under supergravity field as efficient hydrogen evolution reaction catalysts in alkaline solution. <i>Electrochimica Acta</i> , 2017 , 249, 52-63	6.7	57
116	Coral-like-Structured Ni/C ₃ N ₄ Composite Coating: An Active Electrocatalyst for Hydrogen Evolution Reaction in Alkaline Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 7993-8003	8.3	57
115	Rationally designed ultrathin Ni-Al layered double hydroxide and graphene heterostructure for high-performance asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2018 , 740, 1051-1059	5.7	56
114	Synthesis of LiFePO ₄ @carbon nanotube core-shell nanowires with a high-energy efficient method for superior lithium ion battery cathodes. <i>Journal of Power Sources</i> , 2015 , 291, 209-214	8.9	52

113	The effect of cation mixing controlled by thermal treatment duration on the electrochemical stability of lithium transition-metal oxides. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 29886-29894	3.6	50
112	Novel one-step synthesis of wool-ball-like Ni-carbon nanotubes composite cathodes with favorable electrocatalytic activity for hydrogen evolution reaction in alkaline solution. <i>Journal of Power Sources</i> , 2016 , 324, 86-96	8.9	50
111	Novel nitrogen-doped hierarchically porous coralloid carbon materials as host matrixes for lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2015 , 159, 8-15	6.7	50
110	Fabrication of High-Performance All-Solid-State Asymmetric Supercapacitors Based on Stable MnO ₂ @NiCo ₂ O ₄ Core-Shell Heterostructure and 3D-Nanocage N-Doped Porous Carbon. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4856-4868	8.3	49
109	Enhancement of the Rate Capability of LiFePO ₄ by a New Highly Graphitic Carbon-Coating Method. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 15225-31	9.5	49
108	High-Stability MnO Nanowires@C@MnO Nanosheet Core-Shell Heterostructure Pseudocapacitance Electrode Based on Reversible Phase Transition Mechanism. <i>Small</i> , 2019 , 15, e1900862	11.1	46
107	Synergistic effects of ion doping and surface-modifying for lithium transition-metal oxide: Synthesis and characterization of La ₂ O ₃ -modified LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ . <i>Electrochimica Acta</i> , 2018 , 272, 11-21	6.7	46
106	3D hierarchical network NiCo ₂ S ₄ nanoflakes grown on Ni foam as efficient bifunctional electrocatalysts for both hydrogen and oxygen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 25267-25276	6.7	45
105	A novel acetylene black/sulfur@graphene composite cathode with unique three-dimensional sandwich structure for lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2016 , 190, 426-433	6.7	41
104	Construction of NiCo ₂ O ₄ @MnO ₂ nanosheet arrays for high-performance supercapacitor: Highly cross-linked porous heterostructure and worthy electrochemical double-layer capacitance contribution. <i>Journal of Alloys and Compounds</i> , 2018 , 749, 900-908	5.7	40
103	Cobalt-embedded hierarchically-porous hollow carbon microspheres as multifunctional confined reactors for high-loading Li-S batteries. <i>Nano Energy</i> , 2021 , 85, 105981	17.1	39
102	Ionic conductor cerous phosphate and carbon hybrid coating LiFePO ₄ with improved electrochemical properties for lithium ion batteries. <i>Journal of Power Sources</i> , 2014 , 269, 194-202	8.9	38
101	Uniform Multilayer Graphene-Coated Iron and Iron-Carbide as Oxygen Reduction Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 4890-4898	8.3	35
100	Formation of Micron-Sized Nickel Cobalt Sulfide Solid Spheres with High Tap Density for Enhancing Pseudocapacitive Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 9945-9954	8.3	34
99	Ni-Co layered double hydroxide with self-assembled urchin like morphology for asymmetric supercapacitors. <i>Materials Letters</i> , 2019 , 237, 262-265	3.3	33
98	Enhanced Bifunctional Catalytic Activity of Manganese Oxide/Perovskite Hierarchical Core-Shell Materials by Adjusting the Interface for Metal-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25870-25881	9.5	32
97	Ultrathin Nanoflakes Assembled 3D Hierarchical Mesoporous Co ₃ O ₄ Nanoparticles for High-Rate Pseudocapacitors. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 1079-1083	3.1	31
96	Titanium carbide derived nanoporous carbon for supercapacitor applications. <i>International Journal of Hydrogen Energy</i> , 2012 , 37, 19395-19400	6.7	31

95	Controllable synthesis, morphology evolution and electrochemical properties of LiFePO ₄ cathode materials for Li-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 7728-33	3.6	30
94	Manganese oxide electrode with excellent electrochemical performance for sodium ion batteries by pre-intercalation of K and Na ions. <i>Scientific Reports</i> , 2017 , 7, 2219	4.9	30
93	Enhancement of electrochemical performance for LiFePO ₄ cathodes via hybrid coating with electron conductor carbon and lithium ion conductor LaPO ₄ . <i>Electrochimica Acta</i> , 2015 , 156, 77-85	6.7	30
92	In situ construction of nitrogen-doped graphene with surface-grown carbon nanotubes as a multifactorial synergistic catalyst for oxygen reduction. <i>Carbon</i> , 2019 , 142, 40-50	10.4	30
91	Boosting Aqueous Zn ²⁺ Storage in 1,4,5,8-Naphthalenetetracarboxylic Dianhydride through Nitrogen Substitution. <i>ChemElectroChem</i> , 2019 , 6, 3644-3647	4.3	29
90	Effects of Nb-doped on the structure and electrochemical performance of LiFePO ₄ /C composites. <i>Journal of Solid State Chemistry</i> , 2014 , 210, 232-237	3.3	29
89	Hierarchical Interconnected Expanded Graphitic Ribbons Embedded with Amorphous Carbon: An Advanced Carbon Nanostructure for Superior Lithium and Sodium Storage. <i>Small</i> , 2018 , 14, e1802221	11	28
88	High specific surface area MnO ₂ electrodeposited under supergravity field for supercapacitors and its electrochemical properties. <i>Materials Letters</i> , 2012 , 84, 13-15	3.3	28
87	NiMoS ₂ composite coatings as efficient hydrogen evolution reaction catalysts in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 11262-11269	6.7	27
86	Stable composite of flower-like NiFe-layered double hydroxide nucleated on graphene oxide as an effective catalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 5912-5920 ²⁷	6.7	27
85	Facile synthesis of nitrogen-doped hierarchical porous lamellar carbon for high-performance supercapacitors. <i>RSC Advances</i> , 2016 , 6, 3942-3950	3.7	27
84	Mixed Lithium Oxynitride/Oxysulfide as an Interphase Protective Layer To Stabilize Lithium Anodes for High-Performance Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39695-39704 ²⁶	9.5	26
83	Composites of olive-like manganese oxalate on graphene sheets for supercapacitor electrodes. <i>Ionics</i> , 2014 , 20, 145-149	2.7	25
82	Cerium-doped porous K-birnessite manganese oxides microspheres as pseudocapacitor electrode material with improved electrochemical capacitance. <i>Electrochimica Acta</i> , 2015 , 182, 1070-1077	6.7	24
81	Study of NiS/CeO ₂ composite material for hydrogen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 20485-20493	6.7	24
80	Electrodeposition of Ni(OH) ₂ /Ni/graphene composites under supergravity field for supercapacitor application. <i>Materials Letters</i> , 2014 , 122, 273-276	3.3	24
79	In-situ surface chemical and structural self-reconstruction strategy enables high performance of Li-rich cathode. <i>Nano Energy</i> , 2021 , 79, 105459	17.1	24
78	Hierarchical ZnO nanorod arrays grown on copper foam as an advanced three-dimensional skeleton for dendrite-free sodium metal anodes. <i>Nano Energy</i> , 2021 , 80, 105563	17.1	24

77	Polyaniline/MnO ₂ composite with high performance as supercapacitor electrode via pulse electrodeposition. <i>Polymer Composites</i> , 2015 , 36, 113-120	3	23
76	High electrical conductivity of 3D mesoporous carbon nanocage as an efficient polysulfide buffer layer for high sulfur utilization in lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2019 , 789, 71-79	5.7	22
75	Synthesis of MnO ₂ -graphene composites with enhanced supercapacitive performance via pulse electrodeposition under supergravity field. <i>Journal of Solid State Chemistry</i> , 2014 , 215, 160-166	3.3	22
74	Comparison of three nickel-based carbon composite catalysts for hydrogen evolution reaction in alkaline solution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 22655-22662	6.7	22
73	Decoupling the Voltage Hysteresis of Li-Rich Cathodes: Electrochemical Monitoring, Modulation Anionic Redox Chemistry and Theoretical Verifying. <i>Advanced Functional Materials</i> , 2021 , 31, 2002643	15.6	22
72	The study on the active origin of electrocatalytic water splitting using Ni-MoS ₂ as example. <i>Electrochimica Acta</i> , 2018 , 268, 268-275	6.7	21
71	Solvothermal synthesis of LiFePO ₄ nanoplates with (010) plane and the uniform carbon coated on their surface by esterification reaction. <i>Materials Chemistry and Physics</i> , 2014 , 143, 969-976	4.4	20
70	Hierarchical Cu fibers induced Li uniform nucleation for dendrite-free lithium metal anode. <i>Chemical Engineering Journal</i> , 2020 , 392, 123691	14.7	20
69	Core-Shell-Structured Sulfur Cathode: Ultrathin MnO Nanosheets as the Catalytic Conversion Shell for Lithium Polysulfides in High Sulfur Content Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35049-35057	9.5	19
68	Synthesis of hierarchical conductive C/LiFePO ₄ /carbon nanotubes composite with less antisite defects for high power lithium-ion batteries. <i>Electrochimica Acta</i> , 2015 , 178, 504-510	6.7	18
67	Pulsed electrodeposition of mesoporous cobalt-doped manganese dioxide as supercapacitor electrode material. <i>Ionics</i> , 2014 , 20, 243-249	2.7	18
66	Single-atom catalysts for high-energy rechargeable batteries. <i>Chemical Science</i> , 2021 , 12, 7656-7676	9.4	18
65	Honeycomb-like Porous Carbon with Nanographitic Domains, Supported on Graphene Layers: Applicability for Lithium/Sodium Storage. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10986-10994	8.3	17
64	A novel approach for the preparation of NiTeO ₂ composite cathodes with enhanced electrocatalytic activity. <i>RSC Advances</i> , 2016 , 6, 60806-60814	3.7	17
63	Electrochemical performance of Mo-doped LiFePO ₄ /C composites prepared by two-step solid-state reaction. <i>Ionics</i> , 2013 , 19, 437-443	2.7	17
62	Supercapacitor characteristic of La-doped Ni(OH) ₂ prepared by electrode-position. <i>Rare Metals</i> , 2009 , 28, 132-136	5.5	17
61	Datura-like Ni-HG-rGO as highly efficient electrocatalyst for hydrogen evolution reaction in alkaline conditions. <i>Journal of Colloid and Interface Science</i> , 2019 , 535, 75-83	9.3	16
60	Boosted electrochemical performance of LiNi _{0.5} Mn _{1.5} O ₄ via synergistic modification of Li ⁺ -Conductive Li ₂ ZrO ₃ coating layer and superficial Zr-doping. <i>Electrochimica Acta</i> , 2020 , 343, 136105	6.7	16

59	Co ₃ O ₄ @MnO ₂ core shell arrays on nickel foam with excellent electrochemical performance for aqueous asymmetric supercapacitor. <i>Ionics</i> , 2017 , 23, 1637-1643	2.7	15
58	Novel Ultrathin Nanoflake Assembled Porous MnO ₂ /Carbon Strip Microspheres for Superior Pseudocapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 2191-2197	8.3	15
57	Enhanced electrochemical performance of nano-MnO ₂ modified by Ni(OH) ₂ as electrode material for supercapacitor. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 3173-3180	2.6	15
56	Ni ₂ FeO ₄ reduced graphene oxide composite cathodes with new hierarchical morphologies for electrocatalytic hydrogen generation in alkaline media. <i>RSC Advances</i> , 2017 , 7, 704-711	3.7	14
55	Preparation of Ni ₂ FeO ₄ composite coatings with high catalytic activity for hydrogen evolution reaction. <i>Materials Letters</i> , 2015 , 160, 34-37	3.3	14
54	Stable Electrochemical Li Plating/Stripping Behavior by Anchoring MXene Layers on Three-Dimensional Conductive Skeletons. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 37967-37978	9.5	14
53	A sandwich-structure composite carbon layer coated on separator to trap polysulfides for high-performance lithium sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2020 , 815, 152189	5.7	14
52	Preparation of ZnO-Zn ₂ TiO ₄ Sol Composite Films and Its Photocatalytic Activities. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-5	3.2	13
51	Li ₃ V ₂ (PO ₄) ₃ modified LiFePO ₄ /C cathode materials with improved high-rate and low-temperature properties. <i>Ionics</i> , 2013 , 19, 1861-1866	2.7	13
50	Disodium citrate-assisted hydrothermal synthesis of VO nanowires for high performance supercapacitors.. <i>RSC Advances</i> , 2018 , 8, 3213-3217	3.7	12
49	Improving catalytic activity of layered lithium transition metal oxides for oxygen electrode in metal-air batteries. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 1846-1856	6.7	12
48	Soft X-ray Ptychography Chemical Imaging of Degradation in a Composite Surface-Reconstructed Li-Rich Cathode. <i>ACS Nano</i> , 2021 , 15, 1475-1485	16.7	12
47	Facile precursor conversion synthesis of hollow coral-shaped Co ₃ O ₄ nanostructures for high-performance supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 570, 63-72	5.1	11
46	Graphene-like nitrogen-doped porous carbon nanosheets as both cathode and anode for high energy density lithium-ion capacitor. <i>Electrochimica Acta</i> , 2020 , 349, 136303	6.7	11
45	Effect of Ni Nanoparticles on HG Sheets Modified by GO on the Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 10335-10343	8.3	11
44	The In Situ Synthesis of Fe(OH) ₃ Film on Fe Foam as Efficient Anode of Alkaline Supercapacitor Based on a Promising Fe ³⁺ /Fe ⁰ Energy Storage Mechanism. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700484	3.1	11
43	Synthesis of nitrogen-doped carbon cellular foam with ultra-high rate capability for supercapacitors. <i>RSC Advances</i> , 2015 , 5, 10296-10303	3.7	10
42	Direct solid-state growth of Fe/N Co-doped coordination structure between carbon nanotubes and ultra-thin porous carbon nanosheets towards oxygen reduction reaction. <i>Electrochimica Acta</i> , 2020 , 353, 136568	6.7	10

41	Three-dimensional crisscross porous manganese oxide/carbon composite networks for high performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2015 , 161, 32-39	6.7	10
40	Development on transparent conductive ZnO thin films doped with various impurity elements. <i>Rare Metals</i> , 2011 , 30, 175-182	5.5	10
39	Reactivating Li O with Nano-Sn to Achieve Ultrahigh Initial Coulombic Efficiency SiO Anodes for Li-Ion Batteries. <i>ChemSusChem</i> , 2019 , 12, 3377-3382	8.3	9
38	In Situ LiPO/PVA Solid Polymer Electrolyte Protective Layer Stabilizes the Lithium Metal Anode. <i>ACS Omega</i> , 2020 , 5, 8299-8304	3.9	9
37	Surface roughening of nanoparticle-stacked porous NiCoO ₂ @C microflakes arrays grown on Ni foam for enhanced hydrogen evolution activity. <i>Electrochimica Acta</i> , 2018 , 284, 226-233	6.7	9
36	A new route for preparation of titanium carbide derived carbon and its performance for supercapacitors. <i>Materials Letters</i> , 2014 , 122, 78-81	3.3	9
35	Flocky MnO ₂ /carbon nanotube composites electrodeposited under supergravity field for supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 1321-1329	2.6	9
34	Biotemplated fabrication of a novel hierarchical porous C/LiFePO ₄ /C composite for Li-ion batteries. <i>RSC Advances</i> , 2015 , 5, 1983-1988	3.7	8
33	Study on the initial electrodeposition behavior of NiB alloys. <i>Materials Chemistry and Physics</i> , 2005 , 90, 327-332	4.4	8
32	MnO ₂ [email[protected]] Nanosheet CoreShell Heterostructure: A Slow Irreversible Transition of Hydrotalcite Phase for High-Performance Pseudocapacitance Electrode. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3983-3992	6.1	8
31	Recent advances in high-loading catalysts for low-temperature fuel cells: From nanoparticle to single atom. <i>SusMat</i> , 2021 , 1, 569-592		8
30	Effects of yttrium ion doping on electrochemical performance of LiFePO ₄ /C cathodes for lithium-ion battery. <i>Ionics</i> , 2015 , 21, 2701-2708	2.7	7
29	MnO ₂ /graphite electrodeposited under supergravity field for supercapacitors and its electrochemical properties. <i>Ionics</i> , 2014 , 20, 295-299	2.7	7
28	Enhanced high rate and low temperature electrochemical properties of LiFePO ₄ /C composites by doping samarium ion. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 2409-2416	2.6	7
27	Influence of hydrophilic properties on capacitive behavior of functionalized graphene. <i>Ionics</i> , 2014 , 20, 1055-1061	2.7	7
26	A flexible self-supporting ultralong MnO ₂ nanowires-expanded graphite nanosheets current collector with enhanced catalytic reaction kinetics for high-loading lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2022 , 521, 230929	8.9	7
25	3D-structured carbon-coated MnO/graphene nanocomposites with exceptional electrochemical performance for Li-ion battery anodes. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 2977-2987	2.6	6
24	Enhanced electrochemical properties of Al-doped bulk manganese oxides synthesized by a facile liquid-phase method. <i>Ionics</i> , 2014 , 20, 1367-1375	2.7	6

23	The Effects of CeO ₂ Nanorods and CeO ₂ Nanoflakes on Ni ₈ Alloys in Hydrogen Evolution Reactions in Alkaline Solutions. <i>Catalysts</i> , 2017 , 7, 197	4	6
22	Na Superionic Conductor-Type TiNb(PO) Anode with High Energy Density and Long Cycle Life Enables Aqueous Alkaline-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 39757-39764	9.5	5
21	Influence of surface modification by vanadium oxide and carbon on the electrochemical performance of LiFePO ₄ /C. <i>Ionics</i> , 2013 , 19, 1091-1097	2.7	5
20	In situ fabrication of hierarchical iron oxide spheres@N-doped 3D porous graphene aerogel for superior lithium storage. <i>Ionics</i> , 2020 , 26, 2303-2314	2.7	5
19	Effectively enhance high voltage stability of LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ cathode material with excellent energy density via La ₂ O ₃ surface modified. <i>Ionics</i> , 2019 , 25, 2007-2016	2.7	4
18	Nitrogen-doped carbon black supported Pd nanoparticles as an effective catalyst for formic acid electro-oxidation reaction. <i>Frontiers in Energy</i> , 2017 , 11, 310-317	2.6	4
17	Comparing the Electrochemical Performance of LiFePO ₄ /C Modified by Mg Doping and MgO Coating. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-8	3.2	4
16	Influence of La-dopant on the material characteristics and supercapacitive performance of MnO ₂ electrodes. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2011 , 26, 33-37	1	4
15	Mo-doped CoP nanosheets as high-performance electrocatalyst for HER and OER. <i>Ionics</i> , 2021 , 27, 3109-3118	3.18	4
14	Coral-like prussian blue analogues-derived bimetallic phosphide with enhanced electrocatalytic performance for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 27883-27890	6.7	4
13	Graphene Nanoscrolls with Confined Silicon Nanoparticles as a Durable Anode for Lithium-Ion Batteries. <i>ChemNanoMat</i> , 2019 , 5, 748-753	3.5	3
12	Core-shell structure LiNi _{1/3} Mn _{1/3} Co _{1/3} O ₂ @ ultrathin MnO ₂ nanoflakes cathode material with high electrochemical performance for lithium-ion batteries. <i>Ionics</i> , 2019 , 25, 5249-5258	2.7	3
11	Enhanced confinement synthesis of atomically dispersed Fe-N-C catalyst from resin polymer for oxygen reduction. <i>Journal of Energy Chemistry</i> , 2022 , 65, 630-636	12	3
10	Hierarchical microspheres assembled from Li ₄ Ti ₅ O ₁₂ -TiO ₂ nanosheets with advanced lithium ion storage. <i>Ionics</i> , 2020 , 26, 2763-2772	2.7	2
9	Two-dimensional cobalt-manganese binary metal oxide porous nanosheets for high-performance supercapacitors. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 3473-3480	2.6	2
8	Designing a Functional CNT+PB@MXene-Coated Separator for High-Capacity and Long-Life Lithium-Sulfur Batteries.. <i>Membranes</i> , 2022 , 12,	3.8	2
7	A facile method of selective dissolution for preparation of Co ₃ O ₄ /LaCoO ₃ as a bifunctional catalyst for Al/Zn-air batteries. <i>Sustainable Energy and Fuels</i> , 2021 , 5, 995-1002	5.8	2
6	Metal phosphides and borides as the catalytic host of sulfur cathode for lithium-sulfur batteries. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2022 , 29, 990-1002	3.1	2

5	Grain evolution of nano-crystals ZnO under HP and HT 2006 , 49, 281-290		1
4	Electrodeposited Co-W-P ternary catalyst for hydrogen evolution reaction. <i>Nanotechnology</i> , 2021 , 32,	3.4	1
3	High Li-Ion Conductivity Artificial Interface Enabled by Li-Grafted Graphene Oxide for Stable Li Metal Pouch Cell. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 29500-29510	9.5	0
2	A novel compound Co ₂ (OH) ₃ Cl as a long-life supercapacitor electrode material. <i>Materials Letters</i> , 2019 , 237, 344-347	3.3	0
1	Fabrication of oxygen-vacancy abundant MnO ₂ nanowires@ NiMn _x O _y -nanosheets core-shell heterostructure for capacity supercapacitors. <i>Journal of Energy Storage</i> , 2022 , 52, 104845	7.8	0